

ABSTRACT OF THE DISCLOSURE

The multi-step reduction gear includes a drive shaft and an output shaft, having three single rod planetary gears, seven rotating shafts and six shifting elements, whose selective engagement realizes seven forward gears and one reverse gear, the drive takes place through a shaft, connected with the sun wheel of the first planetary gears. The output takes place through a shaft in connection with the annulus of the second planetary gear and the annulus of the third planetary gears. A shaft is connected with the rod of the first planetary gears; a shaft is connected with the rod of the second planetary gears and the rod of the third planetary gears; a shaft is connected with the annulus of the first planetary gear set; a shaft is connected with the sun wheel of the third planetary gears; a shaft is connected with the sun wheel of the second planetary gears.